

SURVEY MAP

SECTION 17, T32N, R03E, MONTMORENCY TOWNSHIP MONTMORENCY COUNTY, MI

SURVEY REPORT

PURPOSE: THIS SURVEY WAS EXECUTED FOR THE PURPOSE OF DELINEATING THE BOUNDARY OF CERTAIN STATE-OWNED LANDS, FOR USE BY FOREST, MINERAL AND FIRE MANAGEMENT DIVISION IN THE PROPER ADMINISTRATION OF SAID LANDS.

SURVEY NOTES: BEARING BASIS OF THIS SURVEY PROJ. IS MICHIGAN STATE PLANE COORDINATES-CENTRAL ZONE-DATUM NAD 83 (CDRS). TWO LOCAL GPS BASE STATIONS WITH NGS "OPUS" SOLUTIONS WERE ESTABLISHED IN THE PROJECT AREA. THESE BASE STATIONS WERE USED AND FIXED FOR COORDINATE CONTROL IN THIS PROJECT. SURVEY FIELD WORK WAS PERFORMED WITH TRIMBLE R8 AND R10 GPS RECEIVERS AND "NIKON 522" TOTAL STATION. FAST STATIC AND REAL-TIME KINEMATIC GLOBAL POSITIONING SYSTEM (GPS) TECHNIQUES WERE COMBINED WITH CONVENTIONAL SURVEY METHODS TO TIE OR SET THE MONUMENTS ON THIS SURVEY.

UNLESS OTHERWISE NOTED, DNR & DOC MONUMENTS CONSIST OF A FOUR-INCH ALUMINUM CAP ON A 1" X 36" GALVANIZED IRON PIPE.

ALL MEASUREMENTS ARE IN INTERNATIONAL GRID FEET AND DECIMALS THEREOF. ALL RECORD MEASUREMENTS ARE IN FEET AND DECIMALS THEREOF.

CERTIFICATION:

I HEREBY CERTIFY THAT THE MAP DELINEATED HEREON IS A TRUE REPRESENTATION OF THE FINDINGS OF THIS SURVEY, AND THAT THE MONUMENTS FOUND OR ESTABLISHED AND MEASUREMENTS MADE ARE AS SHOWN HEREON.

Carl T. Kiiskila
CARL T. KIISKILA, P.S. #33981

MICHIGAN STATE PLANE COORDINATES CENTRAL
ZONE-NAD83(2011) - UNITS ARE IN
INTERNATIONAL GRID FEET

| POINT# | NORTHING | EASTING |
|--------|-----------|-------------|
| 1701 | 676020.26 | 19758202.71 |
| 1702 | 676005.77 | 19756882.90 |
| 1703 | 675991.53 | 19755563.09 |
| 1705 | 675962.31 | 19752923.47 |
| 1706 | 674649.51 | 19752934.92 |
| 1708 | 674676.12 | 19755573.17 |
| 1709 | 674689.44 | 19756892.39 |
| 1711 | 673385.24 | 19758220.54 |
| 1715 | 673336.71 | 19752946.37 |
| 1721 | 670750.18 | 19758238.18 |
| 1722 | 670740.92 | 19756920.69 |
| 1723 | 670730.83 | 19755603.39 |

COMBINED SCALE FACTOR: 0.99989193

LEGEND

- DCP = Orange Carsonite Post
- BCP = Blue Carsonite Post
- LT = Location Tag
- 2" AC = 2" Aluminum Cap on 3/8" X 3/4" rebar
- CIR = Capped Iron Rod
- CIP = Capped Iron Pipe
- X-X-X = Fence or Fence remains
- SP = Single Proportion to GLD
- DP = Double Proportion to GLD
- C = Calculated Measurement
- C.C. = Closing Corner
- = GRAVEL COUNTY RD. (66')
- - - - = SEASONAL ROAD
- - - - - = 2-Track Trail Rd.
- = Section Corner
- ⊙ = 1/4 Corner
- ⊙ = Center of Section
- = 1/16 or Misc. Corner
- * = Corner not recorded this survey

- GLD = GENERAL LAND OFFICE
- MDNR = MI DEPT. OF NATURAL RESOURCES
- DOC = DEPARTMENT OF CONSERVATION
- KJ = KENNETH J. OSTLING-PS#10068
- JLW = JERRY L. WILCOX-PS#14102
- DEM = DONALD E. MARLATT-PS#19660
- CRJ = CARL R. JOHNSON-PS#30083
- CTK = CARL T. KIISKILA-PS#33981

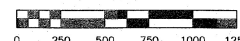


4-17-18

SHEET: 1 of 1

| MICHIGAN | |
|---|---------------------------|
| DEPARTMENT OF NATURAL RESOURCES | |
| FOREST RESOURCES DIVISION - SURVEY SECTION | |
| TYPE OF SURVEY AND LOCATION: | BOUNDARY AND RETRACEMENT |
| SURVEY FOR SECTION 17, T32N, R03E, MONTMORENCY TOWNSHIP, | |
| MONTMORENCY COUNTY, MICHIGAN | |
| DIVISION: FOREST RESOURCES | SURVEY PROJ. NO.: FM-3915 |
| SURVEY BY: CARL T. KIISKILA P.S.#33981 | DATE: JUNE-AUGUST 2016 |
| FIELD WORK BY: PAUL McCLUNG II/CARL KIISKILA | DATE: JUNE-JULY 2016 |
| DRAWN BY: PAUL McCLUNG II/CARL KIISKILA | DATE: JUNE-AUGUST 2016 |
| CAD FILE: P:\OPMSurveyData\PROJECTS\2015\FM3915\Carlson\FM3915map.dwg | |

Scale: 1" = 500'



ALL MEASUREMENTS ARE IN GRID FEET AND DECIMALS THEREOF.

E-7
SEC. CORNER COMMON TO SECTIONS 16, 17, 20 & 21 FOUND 1" PIPE WITH 4" DEPARTMENT OF CONSERVATION CAP STICKING OUT OF GROUND APPROXIMATELY 2". NEXT TO FOUND D.O.C. MONUMENT WAS THE BOTTOM 1.5" OF A CEDAR POST WITH A DEFINITE POINT LYING IN THE MUD. LEFT THE FOUND D.O.C. MONUMENT IN PLACE.

PLAN NO: R-60-BT

C-5
SEC. CORNER COMMON TO SECTIONS 7, 8, 17 & 18 FOUND SCHAFF MONUMENT FLUSH WITH GROUND 0.6" AT A BEARING OF N82E FROM ANOTHER PIECE OF VERTICAL METAL. PLACED A 3/8" X 3/4" REBAR WITH 2" ALUMINUM D.N.R. CAP THROUGH THE CENTER OF FOUND SCHAFF MONUMENT.

D-5
1/4 CORNER COMMON TO SECTIONS 8 & 17 FOUND 1" CAPPED IRON ROD #15410 AND PLACED A 1" X 2.4" GALVANIZED PIPE WITH 4" D.N.R. CAP OVER THE FOUND CAPPED IRON ROD.

E-5
SEC. CORNER COMMON TO SECTIONS 8, 9, 16 & 17 FOUND 1" CAPPED IRON ROD #15410 AND PLACED A 1" X 2.4" GALVANIZED PIPE WITH 4" D.N.R. CAP OVER THE FOUND CAPPED IRON ROD.

E 1/16 CORNER COMMON TO SECTIONS 8 & 17 SET A 2" AC ON A 3/8" X 3/4" REBAR PER STANDARD BLM PROCEDURE

ON 1/16 CORNER SET A 2" AC ON A 3/8" X 3/4" REBAR PER STANDARD BLM PROCEDURE

NE 1/16 CORNER SET A 2" AC ON A 3/8" X 3/4" REBAR PER STANDARD BLM PROCEDURE

N 1/16 CORNER COMMON TO SECTIONS 17 & 18 SET A 2" AC ON A 3/8" X 3/4" REBAR PER STANDARD BLM PROCEDURE

C-6
3/4 CORNER COMMON TO SECTIONS 17 & 18 FOUND 1" CAPPED IRON ROD WITH UNREADABLE CAP NEAR EDGE OF WET AREA. SET STANDARD DNR MONUMENT.

E-6
1/4 CORNER COMMON TO SECTIONS 16 & 17 FOUND 1" CAPPED IRON ROD #15410 AND PLACED A 1" X 2.4" GALVANIZED PIPE WITH 4" D.N.R. CAP OVER THE FOUND CAPPED IRON ROD.

C-7
SEC. CORNER COMMON TO SECTIONS 17, 18, 19 & 20 DEPARTMENT OF CONSERVATION MONUMENT FROM PREVIOUS SURVEY NOT TIED UP THIS SURVEY

WEST 3/4 CORNER COMMON TO SECTIONS 17 & 20, 1" X 2.4" PIPE FROM PREVIOUS SURVEY DID NOT TIE UP THIS SURVEY.

D-7
3/4 CORNER COMMON TO SECTIONS 17 & 20 FOUND STANDARD D.O.C. MONUMENT IN MATURE HARDWOOD FOREST AND LEFT IN PLACE.

EAST 3/4 CORNER COMMON TO SECTIONS 17 & 20 FOUND 1" PIPE ADDED A PLASTIC PS CAP #33981 IN TOP OF PIPE.

